New England Sounding Line

NN/LM
National Network of Libraries of Medicine
New England Region

NER Update
by John A. Stey, Associate Director

Ready or not, Y2K is just around the corner. The New England Region office is in good shape thanks to Geoffrey Garrrietts, our Technology Coordinator who is making changes to our server and guiding development of the EFTS. We apologize in advance for any inconvenience you might experience with the listservs and websites we are currently hosting while the changes are being implemented.

Systems developers at NLM have been busy this summer and fall creating new and improved versions of PubMed, Medline*plus*, and DOCUSER. The new DOCLINE is scheduled for release on February 14, 2000. It will enable health science librarians to access DOCLINE, SERHOLD, DOCUSER and PubMed in one convenient integrated website. In late October, NLM announced an increase in the national ILL cap from $10.00 to $11.00. For those libraries wishing to make the change in New England, the official date for adoption of the new cap will be January 1, 2000. Region 01 will implement the increase on that same date while NLM will continue to charge its current rate until further notice. Betsy L. Humphreys, Associate Director for Library Operations at NLM announced a "commitment to explore a national billing program after the new DOCLINE is implemented."

We would like to congratulate all of the planners and participants of a highly successful NAHSL meeting in Portland, ME. We also extend our thanks to Kent Smith, Deputy Director of NLM, for his willingness to come to New England and provide an NLM Update. We look forward to NAHSL in scenic Newport, RI next year. Keep your eye on the NAHSL website for emerging details.

On October 25th, a national review team was convened in Chicago to review and rank 72 consumer health proposals from the 8 NN/LM regions. There were seven proposals submitted by New England libraries. Many new and innovative approaches were proposed to extend library and information services to communities and healthcare consumers. Thank you Shelley Quezada of the Massachusetts Board of Library Commissioners for volunteering to serve on the review team that represented Region 08. A national announcement of the awards will be made in early January.

As usual, this is one of the busiest times of the year for the NER staff. Ed Donnald has been monitoring the evolution of the new DOCLINE and attending consortia meetings in the region to keep network members up to date. Daniel Dollar and Nancy Putnam continue to log miles in New England providing PubMed training and demonstrations while back in the office, Cheryl Sinkler and Elizabeth Clark refer an ever increasing number of Loansome Doc users to appropriate LD provider libraries.

Time to begin thinking about the pending holidays and all of that e-shopping we probably will end up doing this year!

Connecticut	Maine	Massachusetts	New Hampshire	Rhode Island	Vermont

New DOCLINE® System
http://www.nlm.nih.gov/psd/cas/newdocline.html

NLM's new web-based DOCLINE system is currently scheduled for release on February 14, 2000. This date is subject to change as the system develops. Look for announcements and new information about new DOCLINE on this web page.

New DOCLINE Implementation Schedule

The following schedule is a software development plan. It is based on our best estimates for programming and testing time. For this reason, it may be adjusted as required.

October, 1999 - February 14, 2000

- Beta version .01 DOCUSER® View-Only (released Oct 4,1999)
- RML and network input to System design (Nov/Dec 1999)
- Beta DOCUSER with Update Capability (week of Dec 6-10, 1999)
  Testing to begin week of December 6-10 and remain available until 2 weeks before production system.
- Beta SERHOLD® (week of Dec 6-10, 1999)
  Testing to begin December 6 and remain available until 2 weeks before production system.
- Beta DOCLINE System - Includes all parts, DOCUSER, SERHOLD (Jan 10 - Feb 4, 2000)
  This test period will include several required load tests. NLM will determine how many libraries we need for load testing. Volunteers will be solicited or assigned, and a prepared script will be provided to all participants.
- One week period where all users can update DOCUSER and SERHOLD records in new system (Feb 7- 11, 2000)
- Production System Becomes available (Feb 14, 2000)

TEST System: As portions of the new system become available for testing, all libraries will be able to test maintenance features, including changes to DOCUSER and SERHOLD.

DOCUSER with Update Capability: The next dataload to the new DOCUSER, on or about December 3, 1999, will be the last dataload unless there is a problem. This means that all users can and should make changes and add information to all screens using the new system, starting the week of December 6-10. All changes will be immediately available in new DOCUSER View/Search. These changes will not transfer back to the Old DOCUSER. Any library that needs changes to an old DOCUSER record for the existing DOCLINE system, should make those changes by contacting the NER office.

New DOCLINE FAQ
http://www.nlm.nih.gov/psd/cas/newdoclinefaq.html

See answers to questions like the following:

- Will I be able to figure out how to use DOCLINE without formal training?
- What if we're not ready for the new system?
- Why did my LIBID change?
- How does the searching work in Borrow? Can I use a MEDLINE® UI number?
- Without ELHILL® , how will non-DOCLINE libraries or users have access to the information in DOCUSER?

NLM Releases New Version of MEDLINE*plus*®

http://www.nlm.nih.gov/news/mplusv4release.html

On September 23, NLM released its latest version of MEDLINE*plus*. They listened to their users through direct comments, a formal usability study, and site statistics and made changes to help the public find the health information they need the most. The front page **http://www.nlm.nih.gov/medlineplus**, with its new look, provides the user with more direct links to health topics, the heart of MEDLINE*plus*. Health topics, which include diseases, conditions and wellness issues, are now arranged both by letters of the alphabet and by topic categories, such as "Cancers" or "Lungs and breathing."

Every topic now also displays links to related topics and categories for easy navigation around the site. For example, if you don't see what you need on the "Allergy" page, you can directly link to the related topic "Asthma." Other improvements include direct links from the "sidebar" to lists of "Hospitals/health facilities," and "Doctors/dentists." Finally, the new "About MEDLINE*plus*" page includes a message from the Director, the selection guidelines, and how to link your site to MEDLINE*plus*.

Although it includes over 250 health topics, MEDLINE*plus* is still a work in progress, and NLM welcomes your comments. You can submit these through the link at the bottom of every page.

A videotape of the October 14th teleconference entitled *Libraries, Copyright, and the Internet*, is available for loan from the NER office. Call Cheryl Sinkler at 860-679-4500 or e-mail at sinkler@nso.uchc.edu to borrow the tape.

Effective January 1, 2000, the maximum cost of interlibrary loans filled by Resource Libraries (RLs) in the NN/LM New England Region (Region 8) will be $11.00. This "national maximum" applies to the amount that RLs may charge members of the National Network of Libraries of Medicine for basic interlibrary loan. They may assess additional fees for extra services (such as Fax or "Rush") if they wish, and they may charge variable rates to non-NN/LM libraries.

The Mid Atlantic Region (Region 1) will be making a similar announcement.

Nice Improvements to PubMed
by Nancy Putnam, Outreach Coordinator

Walking back into the office after three months of maternity leave I was apprehensive to see the changes and urgencies that awaited me. Much to my delight Daniel Dollar had done an excellent job taking care of business leaving my desk cleaner then I had left it (also thanks to Cheryl Sinkler).

I began to ease back into my job responsibilities, refreshing my memory with all of the forgotten details, without any hitches. Then the big bang occurred. I was informed of the new green bubble lurking on PubMed that would transport you to an all new PubMed search interface. With anxiety and excitement I double clicked on my web browser icon. When I got to PubMed and saw the green bubble, I paused like a child on Christmas about to open their last present, savoring the moment hoping that this was indeed what I have been waiting for. Volia, it was, the new PubMed search screen. Now if you were not as excited as I was to see a whole new interface,

unhappy that you will need to relearn how to search MEDLINE, take heart, it will be worth it. The new interface has incorporated many of the features that have been requested over time and they certainly make searching much easier. The basics behind the scenes are still the same, the citation contains the same information, the journal browser, MeSH® browser, citation matcher and clinical queries remain the same but many cool new features have also been added.

I realize your time is valuable. However, by taking a few moments to play with the new features, you will find that they are easier to understand and master than you may think. It will save you time in the long run. Check out Daniel Dollar's article on page 5 outlining the new features. Please feel free to contact our office with any questions.

HHS Directory on the Web

Catherine Selden, Librarian
National Information Center on Health Services
Research and Health Care Technology (NICHSR)
National Library of Medicine

The 1999 edition of the Directory of Health and Human Services Data Resources is available on the Internet at **http://aspe.os.dhhs.gov/datacncl/datadir/** . The Directory is a compilation of information about most major data collection systems sponsored by the U.S. Department of Health and Human Services (HHS). It was developed under the auspices of the HHS Data Council and it updates and expands upon the 1995 HHS Directory of Minority Health and Human Services Data. Additional data systems are included in this update, and more extensive information about each data system is provided.

The Directory was designed to include data resources with current utility, or the potential for use by a wide variety of audiences. Databases from continuing departmental data projects or program administrative and evaluation activities that met the criterion of broad utility were included. Such data projects and systems included recurring surveys and disease registries either maintained or sponsored by HHS. Databases from one-time studies or data collections were also included when the data may have broad interest.

Judy Sacknoff, Brigham and Womans Hospital and Kent Smith, Deputy Director, NLM at the Welcome Reception in the Portland Museum of Art at the NAHSL Conference.

Book Review-Paradigms

by Judy Spahr, MLS, MEd
Health Sciences Library
Saints Memorial Medical Center

The paradigm shift…the new paradigm…the changing paradigm….are you sick and tired of paradigms yet?? You shouldn't be. We're immersed in paradigms in all aspects of our lives and we live in a turbulent period which is creating new paradigms.

For those who would like to better understand what paradigms are, how they affect each of us, and how to become a better observer of (and perhaps a participant in) new paradigms, take a look at <u>Paradigms: the Business of Discovering the Future</u> by Joel Arthur Barker (HarperBusiness, 1993, ISBN 0-88730-647-0).

Readable and straightforward without being overly simplistic, this book discusses who are the paradigm shifters and who actually leads change (not the same individuals!) and how we can improve our ability to anticipate and innovate by being aware of these people and of what is going on in the world around us. This is difficult to do, to say the least… but we must be open to see changes on local and global scales, to explore the implications of these changes for us as individuals and in our profession, and to create a supportive climate in which new paradigms can take hold. The rules of the game change with us or without us – let's not be left behind!

Barker quotes many of the 'gurus' including the original Thomas Kuhn (his 1962 <u>The Structure of Scientific Revolutions</u> was college freshman reading for many of us, I think), but Barker expands on Kuhn's narrow definition of the paradigm to be " a set of rules and regulations that defines boundaries and tells you how to behave inside those boundaries in order to be successful." Paradigms include theories, models, standards, common sense, conventional wisdom, traditions, rituals, doctrine, and so on. Organizations and businesses are "forests of paradigms" – they are collections of many sets of rules. Barker's message is to watch for people who "mess with the rules, because that is the earliest sign of significant change. And when rules change, the whole world can change."

Is Your Routing Table Y2K?

Contact Ed to update your DOCLINE routing table. (860) 679-4793 or donnald@nso.uchc.edu

Education Notes: The New PubMed is Here

by Daniel Dollar, Education Coordinator

If you have taken a look recently at the PubMed home page (**http://www.ncbi.nlm.nih.gov/pubmed**), you would have noted a 'green blob' in the top right corner of the screen inviting you to try out the new PubMed.

Whether you have looked at the new PubMed or not, I want to review some of the major improvements to PubMed. You can also consult the 1999 September-October issue of the *NLM Technical Bulletin* for additional information (**http://www.nlm.nih.gov/pubs/techbull/so99/so99_pubmed.html**).

One of the first striking features is that new PubMed has one search screen instead of the basic and advanced search screens. New PubMed still parses searches like the old system, and you can still construct searches using the field abbreviations in square brackets, e.g. macular degeneration [mh] AND vision loss [ti].

To search PubMed, enter the word or phrase you wish to search by typing into the text box directly below the black tool bar, then click on the **Go** button or press the **Enter** key.

Below the search box is a features bar with access to Limits, Index, History and Clipboard. The PubMed search interface, along with a blue sidebar with additional PubMed features and services, such as Journal Browser, MeSH Browser, and Clinical Queries are available on every search screen.

Limiting a search - Limits allow you to search specific fields using pull-down menus for Publication Type, Language, Subsets, Ages, Human or Animal, Gender, Entrez Date (the date when the item was added to the database), and Publication Date.

To use limits, click on the word **Limits** below the text box, and make your selections. Once you have entered your search and chosen limits for it, then click on the **Go** button to run the search. You can also click on the word **Limits** at any point in your search to apply, drop or change your limits. A checkmark in the box beside the word **Limits** indicates that limits are active for your search.
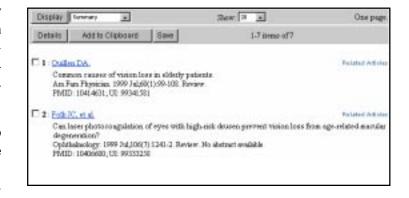
Index searching - Selecting **Index** from the function bar below the text box will allow you to select index terms to add to your search. You may browse the index and place items into the search box by highlighting them and then selecting which connector word (AND, OR, NOT) to use in adding it to your search, then click on the **Go** button.

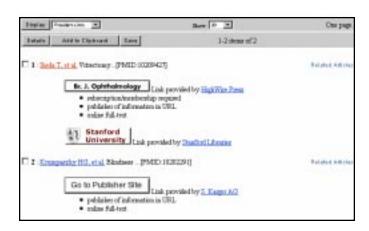**History** - The history function keeps track of your searches and numbers them, allowing you to go back to

earlier searches and combine or modify them. To combine searches use the # sign followed immediately by the search number, i.e. #2 AND #4 (if you wanted to combine searches 2 and 4 from your search history screen).

Clipboard - The clipboard allows you to group selected citations from one or more searches for printing, saving, or ordering. Click on the check box beside each numbered citation and then click on the **Add to Clipboard** button. To see the selected citations, click on the **Clipboard** button on the features bar. An **Order** button on the Clipboard display screen leads to the Loansome Doc ordering system.

Selecting citations - New PubMed can now 're-member' what citations you select from one page to another, so you no longer have to change the Documents per Page to be able to select and group records from a large search set.

Display formats - Two new display formats have been added, *Brief* and *Provider Links*. The **Brief** display format includes only the first author, first ten characters from the title, and the PMID number. The **Provider Links** display format provides the same information as the Brief format, plus a listing of any external links that may be present to the publisher's website and/or document delivery services.

Single and Batch Citation Matchers - The **Single Citation Matcher** is the same PubMed service as available from the current version of PubMed. The **Batch Citation Matcher** is a new feature that allows you to determine the PubMed Identification Number (PMID), or the Unique Identification Number (UI) for multiple citations.

Hint: To retrieve UI numbers, use the pull-down menu beside **Output identifier type** and change the output from **PubMed** to **MedLine**. To create the "|" vertical lines that separate each field of the citation use the **Shift** key plus the key with the vertical dashes usually located in the upper right corner of the keyboard.

The information from this article, the NLM Technical Bulletin article and the Help screens on the new PubMed system should guide you in mastering this system. However, call the RML at 1-800-338-7657 with any questions or comments. You can also contact NLM directly via e-mail at **pubmednew@ncbi.nlm.nih.gov**.

You can also find a new/beta PubMed brochure available on the NER education page at **http://www.nnlm.nlm.nih.gov/ner/education**.

The Electronic Frontier
by Geoff Gerrietts, Technology Coordinator

This issue, I'm going to take something of the easy way out, and just highlight a couple of the interesting things I've run across over the last few weeks. The first was brought to my attention by Chris Shaffer in the Greater Midwest Region; the other two I discovered on the "OSS4LIB" website at **http://info.med.yale.edu/library/oss4lib/**. All three are free, and while they may require a little experimentation to get working, they're generally well worth the effort.

JADE: **http://www.ncemi.org/jade/**
The National Center for Emergency Medical Informatics has a current awareness service available called JADE. JADE stands for "Journal Abstracts Delivered Electronically", and sends new citations (with abstracts) via email every Monday. This tool can be a quick and easy way to implement a current awareness service for your patrons. Be warned, though, that the first time it sends out e-mail, it's going to consider -everything- new, so the mail message is likely to be awfully big.

gnujake: **http://Jake.med.yale.edu/**
One of the projects under the "OSS4LIB" banner, gnujake or the "GNU Jointly Administered Knowledge Environment" attempts to show the relationships between electronic resources, offers brief descriptions of the resources, and in general serves as a source for information about the various resources.

Prospero: **http://bones.med.ohio-state.edu/prospero/**
Prospero puts Ariel to work on the World Wide Web. Using Prospero, you can coerce the output of your Ariel program into web content. Documents are posted to password-protected web space, allowing you to provide access to copyright-protected materials through the Internet (and no more bulky emails!)

What will the New SERHOLD mean to my library?
by Ed Donnald, Network Coordinator

In an endeavor to assist libraries in making the transition to the new web based SERHOLD system, a webpage with information and screen shots has been created. The URL for the page is **http://www.nnlm.nlm.nih.gov/ner/?** We encourage all Network Members to review this information and contact the NER office if they have questions.

The page includes a chart comparing functionality of the New SERHOLD and UCMP as well as screen shots from the New SERHOLD. These screen shots will give you an idea of the new interface and what will be involved in searching, viewing results and updating records in the new system.

	Web SERHOLD	**UCMP**
Cost	Free to access.	Subject to participation and subscription costs.
Locating	Search/View holdings via a web browser.	Look up on microfiche. Search/View holdings via UCMP ONline system.
Updating	Will be done via a web page.	Done either by e-mail, fax or by mail. Subscribers to UCMP ONline update online.
Currency	When a record is updated, it takes effect in the SERHOLD system immediately.	When a record is updated, it takes effect in UCMP ONline immediately. Reports submitted to MLCNY on paper or electronically are updated in UCMP ONline in the order in which they are received. The UCMP microfiche, issued 4x/year, reflect all changes in the last quarter. NLM formerly allowed two batch updates to SERHOLD each year, and more recently once a year. NLM has announced that it will accept one batch update from UCMP to SERHOLD in late 2000. The issue of future batch updates, including frequency, from UCMP to SERHOLD will depend on NLM's procedures, not yet announced.
Reporting	Level 3 provides reporting to complete volumes or years held.	Level 4 provides issue specific reporting of holdings

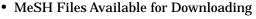## Technical Bulletin Table of Contents
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http://www.nlm.nih.gov/pubs/techbull/so99/so99_pubmed.html

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- New Web Site for Licensees of NLM Data
- New NCBI Web Site Highlighting Scientific Research
- What's New With MEDLINEplus
- DOCLINE Update
- ELHILL and TOXNET Direct Access End September 30, 1999

- MeSH Files Available for Downloading
- List of Serials Indexed for Online Users 2000 to be Available Electronically, Printed Publication Discontinued
- Searching POPLINE on Internet Grateful Med
- Highlights of the New Beta Version of PubMed
  A new beta version of PubMed at http://www.ncbi.nlm.nih.gov/entrez/ became available on September 21, 1999. This version of PubMed will be running in parallel with the current operational version of PubMed at http://www.ncbi.nlm.nih.gov/PubMed and there is link from the operational PubMed home page to the new beta version. The beta version will eventually become the operational version of PubMed
- MEDLINE Logs 10 Millionth Journal Citation
- NLM Online Training Program - 2000

Rebecca Jordan, Cora Damon and Barbara Harness in the Exhibit Hall at the NAHSL Conference.